
<> The ARCLITE <>

Volume 28, Issue 04

GARC Information Line 972 272-4499

April 2000

GARC Officers

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KC5JWB
kaye.duncan@home.com

Vice President:

Clay Orchard
KC5MXN
mcorch@juno.com

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Treasurer:

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Education Officer

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Kc5qhh@qsl.net

ARCLITE EDITOR

Allen Yoder
KB5GME/AE
ady@yodertronix.com

Trustees:

Bob Jones, W5BJ



From the Prez ...

Let me start my first column as President by saying thanks to our outgoing board members. First and foremost, thanks to Gerry Crenshaw (WD4BIS) for a job well done as President these past 2 years. His efforts have brought the GARC into the new millennium as a solid leader in the ham community in the metroplex, and a continued community leader in the City of Garland. I would also like to thank Janet Crenshaw (WD9ZPH) for her remarkable work as ArcLite Editor for the past several years. Your dedication to produce a quality newsletter was shown with every addition! Finally, thanks to T.J. Hoover (KC5ZTJ) for his efforts this past year as club secretary. Your willingness to participate in the leadership of the club will hopefully inspire continued participation by our youth.

And this leads into our direction. Where do we go from here? I would like to see us extend our community involvement to include the education of the youth of Garland to ham radio. ARRL president Jim Haynie (W5JBP) has determined this to be his vision for the ARRL, and I feel that we can assist him by starting in our own back yard. In fact, I feel that the GARC is already ahead in this area. We have one of the largest "youth" memberships around, and have already held "kids classes", thanks to the vision of Karen Dunning (W4YHN). I would like the membership to give us ideas on how we can accomplish this, as well as any other ideas you would like the GARC to pursue in the upcoming year. I will have suggestion forms at the next meeting, so please take a little time at break to fill them out! After all, it is your club, and we need to know what you want! CONTINUED ON PAGE 2, SEE CONGRATULATIONS

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Congratulations to all who achieved upgrade status at the April 15th VE sessions.

I have not received an update on the numbers, but I am sure that the numbers were significant in size! For those of you who obtained HF privileges for the first time, be sure to check out our program at the next meeting on April 24th. We will be having an overview on HF Equipment, presented by Bob Jones (W5BJ) and Clay Orchard (KC5MXN). The overview will include viewing of several different pieces of HF equipment, operation, and procedures. If you have an HF rig and want to bring it to the meeting for discussion, please do so. The more we have, the more knowledge we can share. And as we all know, knowledge is power! So, I hope to see you there! Until then...73's, Kaye (KC5JWB)

GARC DATABASE NEEDS TO BE UPDATED.

Many of our members have recently upgraded their licenses due to the recent restructuring. If you have upgraded, moved or changed phone numbers please let the club secretary know as soon as possible.

For your convenience and with the gracious permission of the ARRL a frequency chart of your Amateur Radio Privileges can be found on page 6 of this newsletter.

4TH OF JULY OBSERVANCE FOR CITY OF GARLAND TO BE 4 DAYS LONG THIS YEAR.

It is not too early to start thinking about what day or days you can volunteer to help with communications. Please contact Clay Orchard KC5MXN for details.

Ham University is the premiere Windows program for studying for your FCC Exams. In addition to a formal series of CW lessons, HamU The latest version, 2.001, lets you study and practice with the latest Question Pools due to go into effect April 15th -- as well as helping you learn Morse code.

You can test yourself on written questions that are giving you a problem or you can take a mock exam to see how you would do contains a wealth of practice exercises and the popular game, Pentode®, designed to make learning the code fun.

Ham University is sold over the Internet by the author (Michael Crick) and in retail stores by Timewave Inc. - currently under the name Morse University.

You can learn more about Ham University at our web site (at <http://crick.com/Hamu>) or you can check out a fully featured demo copy for a week by going to <http://crick.com/hamu/download.html>.

INTERNATIONAL MARCONI DAY - IMD APRIL 29, 2000 - 0000 -2400

Over 40 International Marconi Day Special Event stations will be participating world wide. These Marconi Day Stations will represent Historic Guglielmo Marconi transmitting and receiving stations and will commemorate milestones in the development of worldwide wireless communications.

Certificate available see...
<http://www.users.globalnet.co.uk/~straff/>

The Marconi Radio Club, W1AA/IMD of Massachusetts will represent the Marconi Transatlantic Station where Marconi completed his first spark gap radio transmission between the United States and Europe on January 18, 1903. The Marconi Radio Club will have several stations on the bands for the event.

Marconi Radio Club W1AA
<http://personal.tmlp.com/k1vw/w1aa/>

Additional International Marconi Day links:

Cornish Amateur Radio Club
<http://www.users.globalnet.co.uk/~straff/>
Newfoundland Radio Club
<http://webhost.avint.net/sonra/marc100.htm>

73 Bob "Whitey" Doherty K1VV
President - Marconi Radio Club W1AA

MINUTES Of The Regular Meeting

Garland Amateur Radio Club

March 27, 2000

The regular meeting of the Garland Amateur Radio Club held at the Garland Women's Activities Building was called to order at 7:30 p.m. by the President, Gerry Crenshaw, WD4BI S.

The club was lead in reciting the Pledge of Allegiance by Don Duncan, KC5GLM, followed by the introduction of all members and guests present.

OLD BUSI NESS:

Minutes of the February 2000 meeting were approved as printed in *The Arclite*.

The election of club officers for 2000 will be conducted immediately following the business session.

NEW BUSI NESS:

The club welcomed new members Carole Holley, KD5JMB and David Villegas, KD5JMT.

Special Events Coordinator John Galvin, N5TIM, reviewed the upcoming community service projects, March of Dimes Walk America 2000 on April 29; April 2 MS Walk and the MS 150 Bike Ride. Volunteer operators are still needed for all events.

Clay Orchard, KC5MXN, reported the City of Garland Spectacular 4th will be held on July 1-4, 2000. He is now taking signups. The 4th of July parade will be held on Monday evening.

RACES Radio Officer Bob Jones, W5BJ reminded all RACES Members of the eye-ball meeting to be held at Garland City Hall on Thursday, March 30 at 1900 hrs.

Club President Gerry Crenshaw reported on the cleanup of the ECC and the purchase of needed hand tools. The 50-amp power supply has been repaired and returned to the ECC. The next foxhunt will be Friday, March 31, 2000 at 7:15 p.m.

VE Liaison Bill Reynolds, K8DNE issued a report of the VE team for the past quarter. There were 16 new licensees, 12 upgrades, and 56 partial upgrades. There were a total of 99 persons tested with 15 failing to achieve a passing score. Bill reminded the members of the April 15, 2000 "paperwork" only VE Session at 0900 at the ECC. He also stated the VE Team would be giving a closed session test to a shut-in.

STAFF REPORTS:

The club Treasurer, Ed Hubbuch, KC5GGZ, reported the balance of funds on hand was \$3,115.90.

PROGRAM:

Training Officer Randy Dunning, KC5QHH presented QRO Awards to members of the club that had assisted in various training programs for the past year.

ELECTION OF OFFICERS:

Paper ballots listing the nominees for each office were distributed to the membership. Upon counting of the ballots the following were elected as officers for the year 2000:

President: Kaye Duncan, KC5JWB

**Vice President: Clay Orchard,
KC5MXN**

Secretary: L. D. Carpenter, WA5LD

Treasurer: Ed Hubbuch, KC5GGZ

**Education Officer: Randall Dunning,
KC5QHH**

CONTINUED SEE: ELECTION RESULTS

ELECTION RESULTS

Communications Officer: Mark Dubin, KC5GNG

Arclite Editor: Allen Yoder, KB5GME

All business being completed, the President adjourned the meeting at 8:50 p.m.

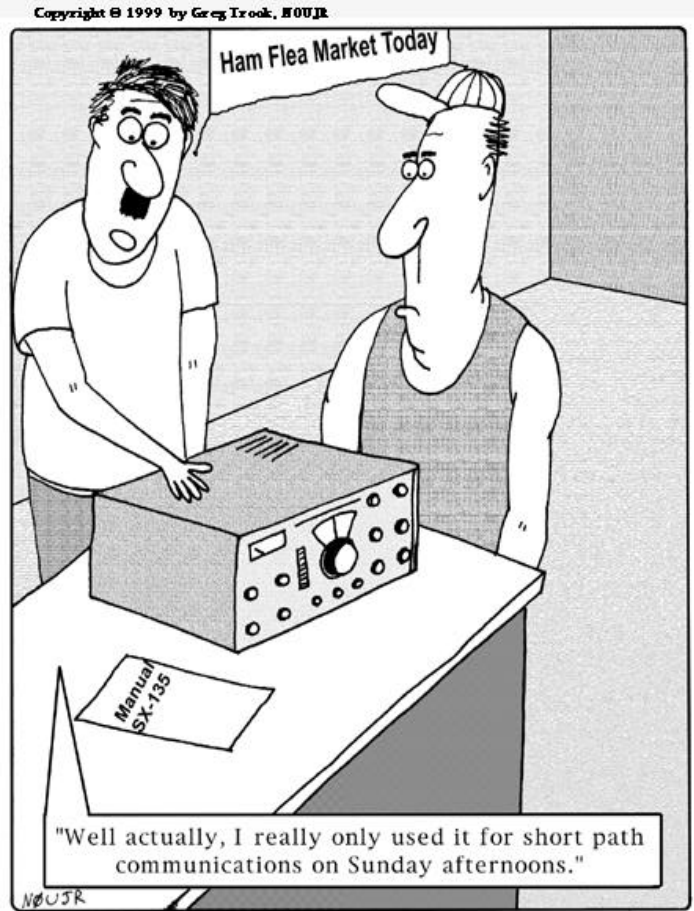
Respectfully submitted,

L. D. Carpenter, WA5LD

Acting Secretary

GARLAND Area ARRL VE TEAM

- Wayne Baird AA5NE
- Terry Barlow AC5AX
- Eugene Barnard W5QPP
- Robert Beaudet W1YRC
- Robert Bond W5LXN
- Mark Collins KB5RXL
- Mike Collins KJ5VL
- Gerry Crenshaw WD4BIS
- Janet Crenshaw WB9ZPH
- Mike Durbin WA5TKC
- John Kliewer AC5NB
- Max Mondragon KC5INV
- Ed Prasifka KF5NQ
- Jacob Schroeder AC5NA
- Jennylyn Schroeder KC5YZK
- Randy Dunning KC5QHH
- Karen Dunning W4YHN
- William Richards KM5VZ
- Allen Yoder KB5GME



Quarterly VE Summary By Bill Reynolds, K8DNE

Applicants	Earned New License	Earned Upgrade	Earned Partial Upgrade	Applicants failed	Total Test Given
an 00	06	03	11	02	22
Feb 00	05	02	28	04	39
March 00	05	07	17	09	38

W. H. (Bill) Reynolds, K8DNE
Garland Area ARRL Liaison VE,
V.E.Recording 972-475-9407
Email: k8dne airmail.net

ARLX007 Wounded Boy Transported to Dallas Hospital

ZCZC AX07
 QST de W1AW
 Special Bulletin 7 ARLX007
 >From ARRL Headquarters
 Newington CT April 3, 2000
 To all radio amateurs

Willem van Tuijl--the 13-year-old boy from the Netherlands wounded during a pirate attack off Honduras--is in the US. The youngster, the son of Amateur Radio operators Jacco and Jannie van Tuijl, KH2TD and KH2TE, was seriously injured by a single bullet on March 28. His father was able to summon help via the Maritime Mobile Service Net on 20 meters.

Through contacts with amateurs in the US and elsewhere, the boy and his mother were transported by Honduran authorities to a hospital in La Ceiba, Honduras, where Willem underwent emergency surgery. Arrangements were made March 31 through the office of ARRL President Jim Haynie, W5JBP, for Willem to be flown to Children's Medical Center of Dallas. He was reported in fair condition there April 3.

"Willem is great," Jacco van Tuijl said, adding that his son was "talking and smiling" and was aware of his medical situation. "His spirits are very high," he said.

Both parents have had little sleep in the past six days and are nearing exhaustion because of their ordeal. They're staying at a Ronald McDonald House near the hospital.

The Dallas hospital has agreed to accept Willem as a patient and treat him without guaranteed payment. An SBAir Lifeguard aircraft with a medical team from CMC was dispatched from Dallas to Honduras the evening of March 31, and the boy and his parents arrived in the US early the next morning.

The arrangement with Children's followed contacts by Haynie's office with the Texas Scottish Rite Hospital--an orthopedic facility that recommended Children's--and with US Rep Pete Sessions. Haynie's office also was able to make arrangements for the airport in

Honduras to remain open past its usual 9 PM closing time to accommodate the flight from the US.

A fund has been established to assist the family. Donations are invited to Willem Fund, c/o Southwest Bank, 1603 LBJ Freeway, Suite 100, Dallas, TX 75234.

Local amateurs in the La Ceiba, Honduras, area have said they will cover Willem's hospital expenses there.

In public statements, both parents have expressed their thanks and gratitude to the Amateur Radio community for their assistance and support. Jacco van Tuijl indicated the family was taking things one day at a time at this point. "It's a big disaster, yes," van Tuijl said, "but he didn't die."

The incident occurred after pirates boarded the van Tuijls' sailing sloop off Honduras on March 28 while the father and son were on an inflatable dinghy near by. After the shooting, the pirates fled and van Tuijl managed to get his injured son, bleeding badly, back on board his sailboat. He then got on the radio to summon urgent help. Among those responding was Dr Jim Hirschman, K4TCV, a Miami physician, who was able to provide first-aid advice over the air.

The van Tuijl family has been cruising various parts of the world since 1995. They obtained their US Amateur Radio licenses during an extended stay in Guam.

Media interest in the story has been high. TV crews and reporters met the boy and his family as they arrived to admit the youngster to Children's Medical Center.

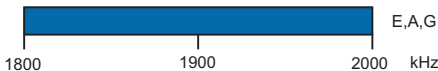
Ham-Com site & Reminder

Ham-Com is the 9th & 10 of June this year. To volunteer in Ham-Com Security; email Bill Nelson, ab5qz@swbell.net That gets one into the drawing for 2 hours time! Field Day is coming soon to a club near you...

Scratch my back and I'll scratch yours.

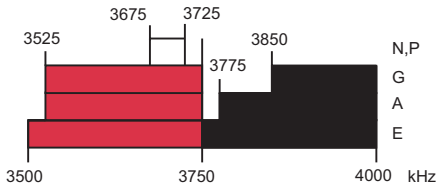
If anyone knows of any Amateur Radio, electronics, or computer related jobs please forward this information to the Arclite.

160 METERS



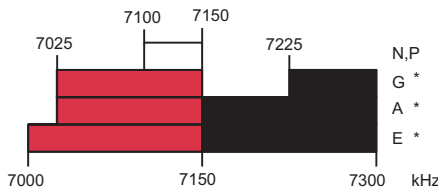
Amateur stations operating at 1900-2000 kHz must not cause harmful interference to the radiolocation service and are afforded no protection from radiolocation operations.

80 METERS



5167.5 kHz (SSB only); Alaska emergency use only.

40 METERS



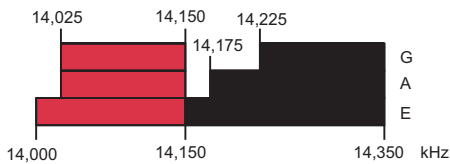
* Phone and Image modes are permitted between 7075 and 7100 kHz for FCC licensed stations in ITU Regions 1 and 3 and by FCC licensed stations in ITU Region 2 West of 130 degrees West longitude or South of 20 degrees North latitude. See Sections 97.305(c) and 97.307(f)(11). Novice and Technician Plus licensees outside ITU Region 2 may use CW only between 7050 and 7075 kHz. See Section 97.301(e). These exemptions do not apply to stations in the continental US.

30 METERS



Maximum power on 30 meters is 200 watts PEP output. Amateurs must avoid interference to the fixed service outside the US.

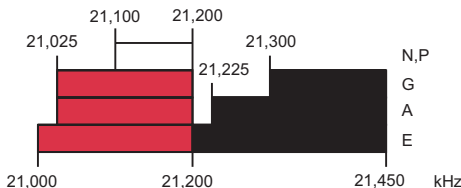
20 METERS



17 METERS



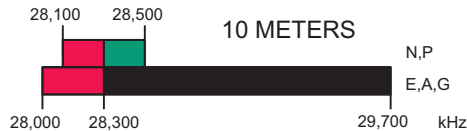
15 METERS



12 METERS

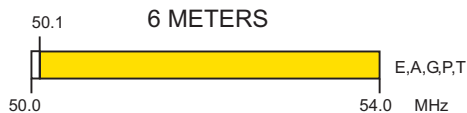


10 METERS

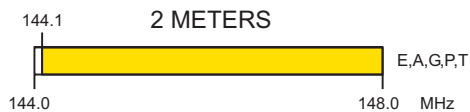


Novices and Technician Plus Licensees are limited to 200 watts PEP output on 10 meters.

6 METERS



2 METERS



1.25 METERS



Novices are limited to 25 watts PEP output from 222 to 225 MHz.

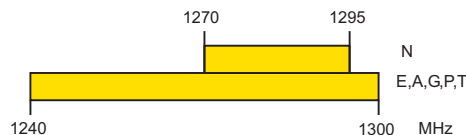
70 CENTIMETERS **



33 CENTIMETERS **



23 CENTIMETERS **



Novices are limited to 5 watts PEP output from 1270 to 1295 MHz.

US AMATEUR BANDS

December 20, 1994

US AMATEUR POWER LIMITS

At all times, transmitter power should be kept down to that necessary to carry out the desired communications. Power is rated in watts PEP output. Unless otherwise stated, the maximum power output is 1500 W. Power for all license classes is limited to 200 W in the 10, 100-10, 150 kHz band and in all Novice subbands below 28,100 kHz. Novices and Technicians are restricted to 200 W in the 28,100-28,500 kHz subbands. In addition, Novices are restricted to 25 W in the 222-225 MHz band and 5 W in the 1270-1295 MHz subband.

Operators with Technician class licenses and above may operate on all bands above 50 MHz. For more detailed information see *The FCC Rule Book*.

KEY

- = CW, RTTY and data
- = CW, RTTY, data, MCW, test, phone and image
- = CW, phone and image
- = CW and phone
- = CW, RTTY, data, phone, and image
- = CW only

E = EXTRA CLASS
A = ADVANCED
G = GENERAL
P = TECHNICIAN PLUS
T = TECHNICIAN
N = NOVICE

** Geographical and power restrictions apply to these bands. See *The FCC Rule Book* for more information about your area.

Above 23 Centimeters:

All licensees except Novices are authorized all modes on the following frequencies:

- 2300-2310 MHz
- 2390-2450 MHz
- 3300-3500 MHz
- 5650-5925 MHz
- 10.0-10.5 GHz
- 24.0-24.25 GHz
- 47.0-47.2 GHz
- 75.5-81.0 GHz
- 119.98-120.02 GHz
- 142-149 GHz
- 241-250 GHz
- All above 300 GHz

For band plans and sharing arrangements, see *The ARRL Operating Manual* or *The FCC Rule Book*.



NEW MOVIE TO FEATURE HAM RADIO

A New movie will Premier April 28th that should give the Ham Radio a much deserved spotlight in the media.

The new movie is a Science Fiction thriller about a Ham Radio Operator who through some freq of nature is able to talk with his father through time to October 12, 1969.

The movie stars Dennis Quaid and Jim Caviezel. More information about the movie is available at www.frequencymovie.com

Premier Communications is sponsoring a contest for the club to do the best job of promoting Amateur Radio and the Frequency movie.

MINUTES BOARD OF DIRECTORS GARLAND AMATEUR RADIO CLUB, INC. APRIL 11, 2000

The regular monthly meeting of the Board of Directors of the Garland Amateur Radio Club, Inc. was called to order at 7:10 p.m. by the President, Kaye Duncan, KC5JWB. A quorum being present.

Those officers and guests in attendance were:
Kay Duncan, KC5JWB President
Clay Orchard, KC5MXN Vice-President
L. D. Carpenter, WA5LD Secretary
Ed Hubbuch, KC5GGZ Treasurer
Randy Dunning, KC5QHH Training Officer
Allen Yoder, KB5GME Arclite Editor
Mark Durbin, KC5GNG Comm. Officer
Gerry Crenshaw, WD4BI S Past President
Bob Jones, W5BJ Trustee

The Board extended its thanks and appreciation to Gerry Crenshaw for his tireless effort and work on behalf of the club in serving as President for the past two years.

Gerry Crenshaw appeared to assist in the transition of club officers for the new year. Gerry stated that the GARC Website would need to be changed to reflect the new officers; The ARRL should be notified that Prospective Packets from the ARRL should be directed to the newly elected President; Keys to the ECC were transferred; and the rent for Woman's Activities Building for calendar year 2000 has been paid except for the month of December. The building has no December dates available.

Bob Jones addressed the club on the status and review of Willem van Tuijl, the 13-year old boy from the Netherlands wounded during a pirate attack off Honduras. Bob stated that Willem would soon be moved from Children's Medical Center to Baylor Rehabilitation Hospital. Willem's parents are currently residing at the Ronald McDonald house. Two funds have been established through the Dallas Amateur Radio Club to assist Willem and family with medical and living expense. The Board used its discretionary authority and upon motion by Clay Orchard and second by Randy Dunning voted unanimously to contribute \$200.00 to the fund. In addition, the President will bring to the regular club meeting that the amount be increased and that individual members be given the opportunity to contribute. The board conditionally approved the purchase of a club copy of *Adobe Publisher* if the software can be bought for less than \$200.00.

Copyright © 1999 by Greg Trook, N0EJR



This years ham club Christmas Dance was not as enjoyable as last year, due to poor band conditions.

April

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
						1
2	3	4	5	6 Races Training Net 9:00 PM	7	8
9	10	11	12	13 Races Training Net 9:00 PM	14	15
16	17	18	19	20 Races Training Net Net 9:00pm	21	22
23	24 7:00 pm Monthly GARC Meeting	25	26	27 Garland VE Test 7:30 Races Net 9:00 PM	28	29
30						

2000

May

IF YOU HAVE INFORMATION ON NETS OR MEETINGS PLEASE SEND IT TO ady@yodertronix.com

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
	1	2	3 Garland Siren Test	4 Races Training Net 9:00 PM	5	6
7	8	9	10	11 Races Training Net 9:00 PM	12	13
14	15	16	17	18 Races Training Net 9:00 PM	19	20
21	22	23	24	25 7:00 pm Garland VE Testing, Races Training Net 9:00pm	26	27
28	29 7:00 pm Monthly GARC Meeting	30	31			

2000

GARC General Information

Repeaters:

The GARC operates two open repeaters for its members and for all local or visiting Amateur Radio Operators: Two meters: **146.66 (-)** and 70 Cmeters: **442.70 (+)**

Voice Mail:

For late-breaking news or to leave the club a message, call our 24-hour voice-mail line at **(972) 272-4499**.

Information Net:

GARC Information Net: held every Monday at 7:30PM on 146.66 (except for meeting nights and holidays). The net features current events, "swap shop", and a technical information exchange. All area hams are encouraged to check in. All members are encouraged to volunteer to be net control for this net. Contact the GARC communications officer, Mark Durbin (kc5gng@qsl.net), if you are interested.

Internet:

Information on the GARC can also be found on the world wide web address below:

<http://www.qsl.net/garc/>

The web site includes a map to the monthly meetings, classes, links to local public service events, and other items of interest to the hams in the Garland area.

Newsletter:

The Arclite is published monthly for the members of the Garland Amateur Radio Club. The contents of this newsletter are copyrighted the date of publication, but may be reprinted without permission in any Amateur Radio

Publication provided proper credit is given and the motive is the advancement of amateur radio and not for profit.

The deadline for Arclite materials is the 2nd Monday of each month. If you have any informative or educational articles that you would like to see included in this newsletter, or if you have items to be included in the GARC calendar, please send it to the Arclite editor.

Arclite Editor, 1027-B West Austin St.,
Garland, TX 75040

or emailed to the Arclite Editor at ady@yodertronix.com

Membership:

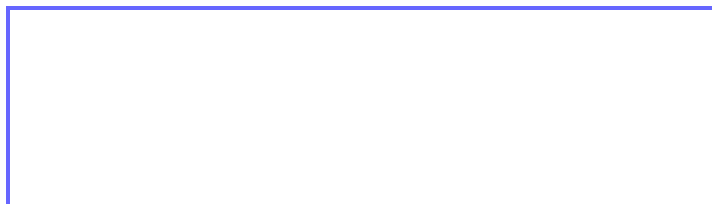
Membership forms are available at the GARC monthly meetings and on the GARC web site. Once the membership form and dues are submitted, new members are voted in at the next GARC monthly meeting.

The GARC membership roster is distributed to GARC members only and is included twice a year in the Arclite. It is not to be used for any commercial purposes.

To submit changes to the GARC roster (such as change of address, updated phone numbers, license upgrade, etc), send them to the GARC secretary, L.D. Carpenter at ldcarp@flash.net



Garland Amateur Radio Club
Emergency Communications Center (ECC)
1027 B West Austin Street
Garland, TX 75040



Please Rush!!!

Reminder

Willem van Tuijl needs your help. See Page 5 for Info.